

Iowa County Land and Water Resource Management Plan

2016-2026
With 5 year Work
Plan & Budget



Iowa County Land Conservation Department Mission Statement

Provide administrative information and technical assistance to Iowa County landowners in the stewardship of their soil and water resources, through the cooperation of the Natural Resources Conservation Service and under the direction of the Iowa County Land Conservation Committee.



Iowa County Land Conservation Department

Land and Water
Resource
Management
Plan Priorities

TOP TEN + 2

1. Soil Erosion
2. Ground Water
3. Animal Waste Management
4. Nutrient Management
5. Forestry
6. Riparian Corridors
7. Agriculture Productivity
8. Rural Land Use Issues/Conflicts
9. Agriculture Sustainability
10. Loss of Ag Lands
 1. Education and Outreach
 2. Concern For Large Farms

Education & Outreach

Adaptive Management

Grassed waterways, Riparian Buffers and NMP with farmers will be a key component of adaptive management of the phosphorus trading between municipal waste water treatment standards and farmers.



DATCPAG STATISTICS

Trends of Change

| | 2015 | 2014 | PERCENT CHANGE |
|--------------------------|--------------------------------------|--------------------------------------|----------------|
| Number of Farms | There are over 3,200 LCD farm files. | There are over 3,400 LCD farm files. | +6% |
| Average Size of Farm | N/A | 99,000 ac. | |
| Corn | 60,000 ac. | 99,000 ac. | +120% |
| Soybeans | 25,000 ac. | 34,000 ac. | +120% |
| Hay | 25,000 ac. | 44,000 ac. | +36% |
| Other | 6,000 ac. | 6,000 ac. | 0% |
| Barley | Winter wheat 4,000 ac. | 3,000 ac. | +50% |
| | | | +30,000 ac. |
| Acres in CORP | 100,000 ac. | 100,000 ac. | +10% |
| CORP | Est. 10,000 ac. | Est. 10,000 ac. | +10,000 ac. |
| | | | +30% |
| Cattle and cows & calves | | | +1,000 |
| MSU Cows | 80,000 | 90,000 | +12.5% |
| MSU Cows | 80,000 | 90,000 | +12.5% |
| MSU Avg Cow | 12,000 lbs/cow | 12,200 lbs/cow | +1.6% |
| Every Herd | 120 | Est. 100 | +20% |
| | | | +30% |
| Size of Dairy Herd | N/A | 120 | N/A |
| State | | Iowa County | |
| Range | 10,000 | N/A | N/A |

Concerns For Large Farms

During the GAC and Public Survey there are concerns about bigger farms whether it be larger cropping or animal operations. Issues connected with growth are soil erosion and nutrient storage and utilization which are growing social and environmental concerns.



NR 151 PERFORMANCE STANDARD



Wisconsin's rules to control polluted runoff from farms, as well as other sources, went into effect October 1, 2002. The State legislature passed the rules to help protect Wisconsin's lakes, streams and groundwater.

DNR Administrative Rule NR 151 sets performance standards and prohibitions for farms. It also sets urban performance standards to control construction site erosion, manage runoff from streets and roads and manage fertilizer use on large turf areas.

DATCP Administrative Rule ATCP 50 identifies conservation practices that farmers must follow to meet performance standards in NR 151. ATCP 50 also sets out the requirements for nutrient management plans.

What does this mean to Iowa County and our Land Conservation Department? The LCD has long been recognized as the primary tool to bring these water quality performance standards into the field. The Department of Land Conservation will have the primary responsibility for the implementation of the agricultural runoff standards. The major transition found in NR 151 is that it truly moves the majority of Non-Point Source (NPS) water quality work in Wisconsin from a mostly voluntary program to a program based largely on landowner participation through the option of regulation. NR 151 lays the foundation for minimal expectations in regards to land use and management practices within the agricultural landscape. Many of the issues we have identified and worked through in the past are now part of this rule which sets out the opportunity for regulation if minimum levels of implementation are not reached.

Iowa County Farmland Preservation Program

"Cornerstone of
Conservation"

Farmland Preservation Program (FPP)

- To claim the farmland preservation program (FPP) tax credit, the Iowa County Land Conservation Department requires participants to annually certify that their entire farm meets all state soil and water conservation standards in exchange for receiving the annual FPP tax credit.



CONSERVATION PRACTICES AND TECHNICAL ASSISTANCE OFFERED

- Waterway system
- Access Road or Cattle Crossing
- Well Decommission
- Critical Area Stabilization
- Livestock Watering Facility
- Roof Runoff System
- Manure Storage Abandonment
- Heavy Use Area Protection
- Underground Outlet
- Streambank and Shoreline Protection
- Livestock Fencing
- Diversion
- Filter Strip
- Sediment Basin
- Surface Area Drain
- Water and Sediment Control Basin
- Animal Trails or Walkways
- Milking Center Waste Control System
- Relocating or Abandoning Animal Feeding Operations
- * Nutrient Management Planning \$10.00 per acre
- * Manure Storage



Iowa County Land Conservation Department

Accomplishments & Investments

Examples of Accomplishments to Investments 2010-2015

| Accomplishment | 2010 | 2015 | 2016 (Projected) |
|----------------------------|---|--------------------|------------------|
| NMP | 3,300 ac. – 2% | 40,542 ac. – 25.4% | 49,561 ac. – 30% |
| Investment | 2010-2015 | | |
| LWRM cost-share investment | \$476,218. (SEG & Bond) | | |
| Investment | 2010-2015 | | |
| FPP credits to landowners | \$5,628,169. • 718 participants • \$1,567 average credit per year | | |

Iowa County Conservation Partners

- Bethel Horizons Committee Service
- Conservation Congress
- Driftless Area Conservancy
- Dodgeville Agri Service
- Duck's Unlimited Iowa County Chapter
- EQIP Work Group
- Farm Bureau
- Farm Service Agency
- Friends of Black Hawk Lake
- Highland Sportsman's Club
- Land Conservation
- Lands' End
- Military Ridge Prairie Heritage Effort
- National Wild Turkey Federation
- Natural Resources Conservation Service
- Pheasants Forever – Iowa County Chapter Southwest
- SW Badger RC&D
- Southwestern Wisconsin Prairie Enthusiasts
- U.S. Fish and Wildlife Service
- U.W. Extension
- Whitetails Unlimited
- Walnut Hollow Farm
- Wings Over Wisconsin
- WI Department of Agriculture, Trade and Consumer Protection
- WI Department of Natural Resources
- Iowa County Planning and Development Office
- SW Badger RC&D Grazing Broker Effort



DATCP is our flag ship State agency because agriculture is the biggest economic activity in Iowa County.

"Keeping soil in place & productive and our water clean is our biggest goal."
Iowa County LCD/LCC – Thank you!